



SIMEX
HEAVY MADE EASY

RANGE
TFC

**CUTTER
HEADS**
CONTINUOUS CUTTING

TFC 50 TFC 100 TFC 400 TFC 600

- Versatile
- Low noise output
- High precision
- Continuous cutting

CUTTER HEADS

CONTINUOUS CUTTING



SIMEX
• patent •

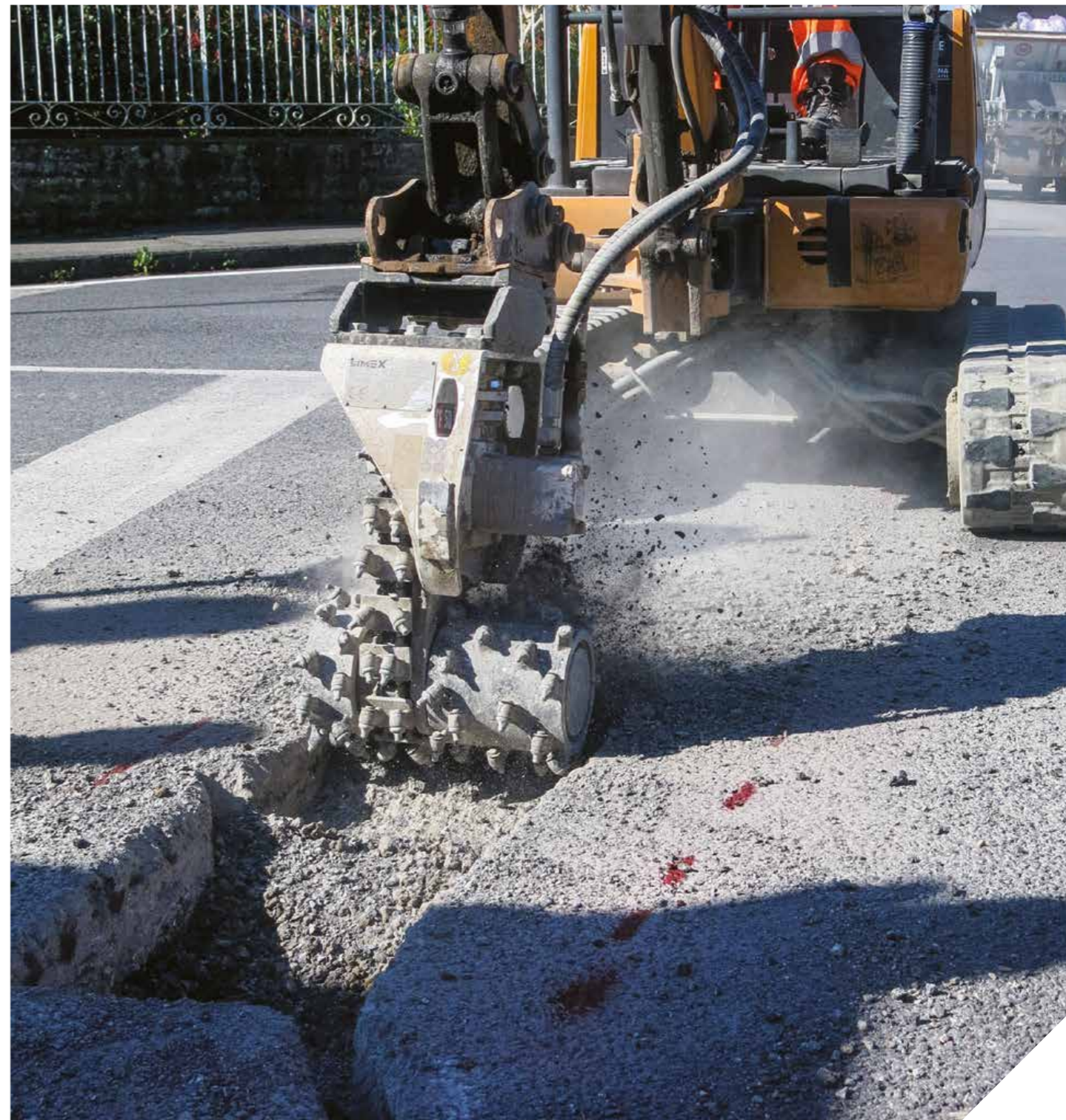
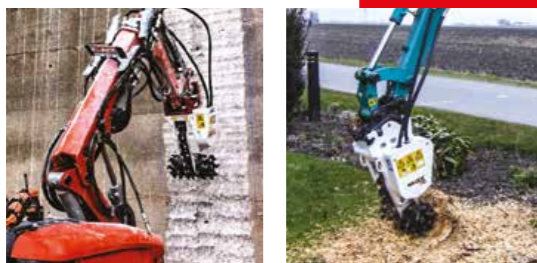
The **patented cutter heads with continuous cutting** are specially designed for mounting on excavators. Their **innovative system allows whole width of the attachment to cut without gaps at center or side footprints**. Ideal for **finishing flat surfaces and trenches**.

Quiet and precise in the work area, they do not intrude on the surrounding area. **Versatile and high-performing**, they can be utilized for:

- Profiling of tunnels, foundations and concrete surfaces.
- Milling **asphalt and cement**
- Milling plaster (thanks to lateral disks there is perfect control of the layer removed)
- Cipping **roots and tree trunks**

ADVANTAGES

- Versatile
- Low noise output
- High precision
- Continuous cutting



TECHNICAL DATA		TFC 50	TFC 100	TFC 400	TFC 600
Width (cutting profile)	mm inch	370 15	480 / 430 (*) 19 / 17 (*)	500 / 440 (*) 20 / 17 (*)	540 / 490 (*) 21 / 20 (*)
Drum diameter (cutting profile)	mm inch	230 9	260 10	420 16	480 19
Weight (1)	kg lbs	90 200	170 375	400 880	670 1470
Recommended excavator weight (2)	ton lbs	1,2 - 3,0 2640 - 6600	2,5 - 4,5 5600 - 9900	6 - 10 13000 - 22000	9 - 12 20000 - 26400
Required oil flow (3)	l/min gpm	20 - 40 5 - 10	30 - 60 8 - 16	65 - 115 17 - 30	90 - 150 24 - 40
Max. required oil pressure (4)	BAR psi	250 3625	300 4350	300 4350	300 4350
Max. torque	Nm lbf.ft	600 (at 250 bar) 445 (at 3625 psi)	1060 (at 300 bar) 780 (at 4350 psi)	3800 (at 300 bar) 2800 (at 4350 psi)	5900 (at 300 bar) 4350 (at 4350 psi)
Max. cutting force	N lbf	5100 (at 250 bar) 1145 (at 3625 psi)	8100 (at 300 bar) 1820 (at 4350 psi)	18500 (at 300 bar) 4160 (at 4350 psi)	24500 (at 300 bar) 5500 (at 4350 psi)

(*) Narrow drums for increased penetration.

(1) Without brackets

(2) User is responsible for ensuring that the equipment meets the excavator's specifications and weight requirements.

(3) RPM and cutting speed decrease with lowered oil flow.

(4) Torque and cutting force decrease with lowered operating pressure.

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TFC 50
TFC 100
TFC 400
TFC 600

Utilities

Quarries and mines

Demolition

Port and underwater works

Construction and building

Infrastructure

Tunneling

Agriculture and forestry

Recycling

Roadworks

Trenching

Mini-excavator

Excavator

Skid steer loader

Front loader

Backhoe